

**CONOCOPHILLIPS COMPANY (“CONOCOPHILLIPS”),
ON BEHALF OF PHILLIPS PETROLEUM COMPANY,
TOSCO CORPORATION AND ASSETS OF 76 PRODUCTS COMPANY
SECOND SUPPLEMENTAL RESPONSE TO
JANUARY 18, 2008 EPA FIRST REQUEST FOR INFORMATION
Portland Harbor Superfund Site (the “Site”)
Portland, Oregon**

These supplemental responses are not and should not be taken as an admission or waiver of any kind to the jurisdiction, statutory authority or regulatory authority of the United States Environmental Protection Agency (“EPA”) for this information request or any EPA remedial actions. These supplemental responses relate only to the Portland Terminal located at 5528 N.W. Doane Avenue in the City of Portland (the “Terminal”). They are in addition to the initial response of ConocoPhillips, dated August 18, 2008 (the “2008 Initial Response”) and the first supplemental response of ConocoPhillips, dated October 26, 2010; they do not supersede those prior responses. As discussed more fully below, most of these supplemental responses relate to activities that have occurred since the 2008 Initial Response, though some relate to older information discovered more recently as part of the on-going investigation of ConocoPhillips. Finally, many of the supplemental responses merely refer to the 2008 Initial Responses, as no additional information responsive to those individual requests has been discovered. (None of them refer to the First Supplemental Response, as it concerned only a brief period of involvement with the separate Linnton Terminal more than thirty years ago by a predecessor of ConocoPhillips.)

QUESTIONS AND RESPONSES

Section 1.0 Respondent Information

- 1. Provide the full legal, registered name and mailing address of Respondent.**

Supplemental Response

Please see the 2008 Initial Response.

- 2. For each person answering these questions on behalf of Respondent, provide:**
 - a. full name;**
 - b. title;**
 - c. business address; and**

d. business telephone number, electronic mail address, and FAX machine number.

Supplemental Response

The individuals listed below assisted with this Second Supplemental Response. ConocoPhillips requests that any contact with the persons listed below or in the 2008 Initial Response be made through Willette A. DuBose, Legal Specialist.

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3. **If Respondent wishes to designate an individual for all future correspondence concerning this Site, please indicate here by providing that individual's name, address, telephone number, fax number, and, if available, electronic mail address.**

Supplemental Response

Willette A. DuBose. Please see the Supplemental Response to Question 2 above.

Section 2.0 Owner/Operator Information

4. **Identify each and every Property that Respondent currently owns, leases, operates on, or otherwise is affiliated or historically has owned, leased, operated on, or otherwise been affiliated with within the Investigation Area during the period of investigation (1937-Present). Please note that this question includes any aquatic lands owned or leased by Respondent. Please note this question includes pipelines owned or controlled by Respondent and/or easements held by Respondent.**

Supplemental Response

Tosco Corporation ("Tosco") leased approximately 2.70 acres of land along the Willamette River north of N.W. Front Avenue and N.W. Doane Avenue from the Port of Portland between March 1997 and March 2009. ConocoPhillips purchased the leased property from the Port of Portland, effective March 16, 2009. Please refer to the documents attached hereto as Documents Nos. **COP0016874 thru COP0016908 and COP0019028 thru COP0019039.**

5. **Provide a brief summary of Respondent's relationship to each Property listed in response to Question 4 above, including the address, Multnomah County Alternative Tax lot Identification number(s), dates of acquisition, period of ownership, lease, operation, or affiliation, and a brief overview of Respondent's activities at the Properties identified.**

Supplemental Response

Please see the 2008 Initial Response and the Supplemental Response to Question 4 above.

6. **Identify any persons who concurrently with you exercises or exercised actual control or who held significant authority to control activities at each Property, including:**
- a. **partners or joint venturers;**
 - b. **any contractor, subcontractor, or licensor that exercised control over any materials handling, storage, or disposal activity on the Property; (service contractors, remediation contractors, management and operator contractors, licensor providing technical support to licensed activities);**
 - c. **any person subleasing land, equipment or space on the Property;**
 - d. **utilities, pipelines, railroads and any other person with activities and/or easements regarding the Property;**
 - e. **major financiers and lenders;**
 - f. **any person who exercised actual control over any activities or operations on the Property;**
 - g. **any person who held significant authority to control any activities or operations on the Property;**
 - h. **any person who had a significant presence or who conducted significant activities at the Property; and**
 - i. **government entities that had proprietary (as opposed to regulatory) interest or involvement with regard to the activity on the Property.**

Supplemental Response

In July 2009, ConocoPhillips executed a Reverse Access Agreement – Right of Entry Agreement granting Chevron U.S.A. (“Chevron”) and its environmental consultant Arcadis and subcontractors access to the ConocoPhillips waterfront property between N.W. Front Avenue and the Willamette River to install a cure-in-place pipe (“CIPP”) lining inside the City of Portland’s 60 inch concrete storm drain pipe located within an easement on the east edge of the ConocoPhillips property. This is the storm drain pipe that leads to the City of Portland’s current 60 inch outfall known as Outfall No. 22. The Agreement also granted Chevron and its environmental consultant Arcadis and subcontractors access to the ConocoPhillips waterfront property to operate and maintain a product recovery and groundwater pump & treat system that captures floating product and petroleum-impacted groundwater behind and upgradient of the two sheet pile cut-off walls located near Outfall No. 22 (*i.e.*, a little way up the storm drain pipe from the outfall) and near the former 27 inch City of Portland outfall that once was located between the ConocoPhillips and Chevron docks in Willbridge Cove. Please refer to the Agreement, which commenced on July 6, 2009, and the

associated October 28, 2009 ConocoPhillips Closing Letter documents attached hereto as Document Nos. **COP0019620 thru COP0019630**.

In March 2011, ConocoPhillips informed the Oregon Department of Environmental Quality ("DEQ") that control of the remediation project at the Terminal had been transferred to Union Oil Company of California ("Union Oil") and Chevron Environmental Management Company ("Chevron"), effective April 1, 2011. Please refer to the document attached hereto as Document Nos. **COP0018507 thru COP0018508**.

7. **Identify and describe any legal or equitable interest that you now have, or previously had in each Property. Include information regarding the nature of such interest; when, how, and from whom such interest was obtained; and when, how, and to whom such interest was conveyed, if applicable. In addition, submit copies of all instruments evidencing the acquisition or conveyance of such interest (e.g., deeds, leases, purchase and sale agreements, partnership agreements, etc.).**

Supplemental Response

Please see the 2008 Initial Response and the Supplemental Response to Question 4.

8. **If you are the current owner and/or current operator, did you acquire or operate the Property or any portion of the Property after the disposal or placement of hazardous substances, waste, or materials on, or at the Property? Describe all of the facts on which you base the answer to this question.**

Supplemental Response

The approximately 2.70 acre parcel of land located along the Willamette River north of N.W. Front Avenue and N.W. Doane Avenue that Tosco leased from the Port of Portland in 1997 for petroleum loading and unloading operations and that ConocoPhillips purchased from the Port of Portland in March 2009 was known to have petroleum impacts from past operational spills. Discussions with the Port of Portland regarding the installation of a sheet pile cut-off wall groundwater remediation system occurred in 2004. Please refer to the documents attached hereto as Documents Nos. **COP0016874 thru COP0016908, COP0019028 thru COP0019039, COP0019249 thru COP0019254, COP0019285, and COP0019314 thru COP0019321**.

9. **At the time you acquired or operated the Property, did you know or have reason to know that any hazardous substance, waste, or material was disposed of on, or at the Property? Describe all investigations of the Property you undertook prior to acquiring the Property and all of the facts on which you base the answer to this question.**

Supplemental Response

ConocoPhillips was made aware of past disposal activities at the approximately 2.70 acre parcel of land located along the Willamette River north of N.W. Front Avenue and N.W. Doane Avenue that it purchased from the Port of Portland in March 2009 based on the Environmental Baseline Assessment Report that was prepared for Tosco at the time of the acquisition of the Terminal from Union Oil Company of California. Please also see the 2008 Initial Response and the Supplemental Response to Question 8 above.

10. **Identify all prior owners that you are aware of for each Property identified in Response to Question 4 above. For each prior owner, further identify if known, and provide copies of any documents you may have regarding:**
- a. **the dates of ownership;**
 - b. **all evidence showing that they controlled access to the Property;**
 - c. **all evidence that a hazardous substance, pollutant, or contaminant, was released or threatened to be released at the Property during the period that they owned the Property; and**
 - d. **provide all documentation regarding but not limited to the following entities:**
 - i. **Signal Oil Company; and**
 - ii. **Unocal.**

Supplemental Response

Please see the 2008 Initial Response and the Supplemental Response to Question 4 above.

11. **Identify all prior operators of the Property, including lessors, you are aware of for each Property identified in response in Question 4**

above. For each such operator, further identify if known, and provide copies of any documents you may have regarding:

- a. the dates of operation;
- b. the nature of prior operations at the Property;
- c. all evidence that they controlled access to the Property;
- d. all evidence that a hazardous substance, pollutant, or contaminant was released or threatened to be released at or from the Property during the period that they were operating the Property; and
- e. provide all documentation regarding but not limited to the following entities:
 - i. Signal Oil Company; and
 - ii. Unocal.

Supplemental Response

Please see the 2008 Initial Response.

12. If not included in response to any of the previous questions, please describe the purpose and duration of each aquatic lands lease Respondent or the operator of Respondent's Property(ies) ever obtained from the State of Oregon and provide a copy of each application for and aquatic lands lease obtained.

Supplemental Response

Please see the 2008 Initial Response and the Supplemental Responses to Questions 8 and 10 above.

Section 3.0 Description of Each Property

13. Provide the following information about each Property identified in response to Question 4:
- a. property boundaries, including a written legal description;
 - b. location of underground utilities (telephone, electrical, sewer, water main, etc.);
 - c. location of all underground pipelines whether or not owned, controlled or operated by you;

- d. surface structures (e.g., buildings, tanks, pipelines, etc.); Also provide all documentation regarding but not limited to the following:
 - i. any containment booms;
 - ii. any Tosco's dock warehouse(s);
 - iii. any Tosco's Terminal(s); and
 - iv. all storage tanks;
- e. over-water structures (e.g., piers, docks, cranes, etc.);
- f. dry wells;
- g. treatment or control devices (e.g., surface water, air, groundwater, Resource Conservation and Recovery Act (RCRA), Transfer, Storage, or Disposal (TSD), etc.);
- h. groundwater wells, including drilling logs;
- i. storm water drainage system, and sanitary sewer system, past and present, including septic tank(s) and where, when and how such systems are emptied and maintained;
- j. subsurface disposal field(s), Underground Injection Control (UIC) wells, and other underground structures (e.g., underground storage tanks (USTs); and where they are located, if they are still used, and how they were closed;
- k. any and all major additions, demolitions or changes on, under or about the Property, its physical structures or to the Property itself (e.g., stormwater drainage, excavation work); and any planned additions, demolitions or other changes to the Property;
- l. all maps and drawings of the Property in your possession; and
- m. all aerial photographs of the Property in your possession.

Supplemental Response

Additional Tosco and ConocoPhillips facility drawings that were discovered in a file storage room at the Terminal in 2011 are attached. Please refer to the documents attached hereto as Documents Nos. **COP0021204 thru COP0021209, COP0021213 thru COP0021409, COP0021430 thru COP0021439, COP0021467, COP0021473, COP0021510, COP0021536, COP0021543, COP0021547, COP0021559, and COP0021576 thru COP0021628.**

- 14. For Properties adjacent to the Willamette River, provide specific information describing the river-ward boundary of private ownership and where state aquatic lands and/or state-management jurisdiction begins. Provide a map that delineates the river-ward boundary of each Property.

Supplemental Response

ConocoPhillips purchased the river-ward property from the Port of Portland in March 2009. The boundary of the river-ward property is along the north side of N.W. Front Avenue and is depicted on the site map included in the document attached hereto as Document Nos. **COP0016874 thru COP0016908**.

- 15. For each Property, provide all reports, information or data you have related to soil, water (ground and surface), or air quality and geology/hydrogeology at and about each Property. Provide copies of all documents containing such data and information, including both past and current aerial photographs as well as documents containing analysis or interpretation of such data.**

Supplemental Response

Please see the documents attached hereto as Document Nos. **COP0013862 thru COP0022105**. These documents include documents that were prepared after the 2008 Initial Response, copies of additional documents pertaining to the ConocoPhillips property soil and water data and sediment dredging that were discovered to have not been included in the 2008 Initial Response, figures and appendices from the *Final Upland Remedial Investigation Report, Willbridge Facility*, dated August 1, 2003, prepared by KHM Environmental Management Inc. that were missing from the materials included in the 2008 Initial Response (Document Nos. **COP0020331 thru COP0020763**), replacement documents for unreadable figures included in the 2008 Initial Response (Document Nos. **COP0020324 thru COP0020330 and COP0020764**), and attachments to the Lower Willamette Group Round 2 Groundwater Pathway Assessment FSP/Data Request, Willbridge Terminals Group, dated April 7, 2005, prepared by Delta Environmental Consultants (Document Nos. **COP0020765 thru COP0021203**).

- 16. Identify all past and present solid waste management units or areas where materials are or were in the past managed, treated, or disposed (e.g., waste piles, landfills, surface impoundments, waste lagoons, waste ponds or pits, tanks, container storage areas, etc.) on each Property. For each such unit or area, provide the following information:**
 - a. a map showing the unit/area's boundaries and the location of all known units/areas whether currently in operation or not. This**

- map should be drawn to scale, if possible, and clearly indicate the location and size of all past and present units/areas;
- b. dated aerial photograph of the site showing each unit/area;
 - c. the type of unit/area (e.g., storage area, landfill, waste pile, etc.) and the dimensions of the unit/area;
 - d. the dates that the unit/area was in use;
 - e. the purpose and past usage (e.g., storage, spill containment, etc.);
 - f. the quantity and types of materials (hazardous substances and any other chemicals) located in each unit/area and;
 - g. the construction (materials, composition), volume, size, dates of cleaning, and condition of each unit/area.

Supplemental Response

Please see the 2008 Initial Response.

17. If the unit/area described above is no longer in use, how was such unit/area closed and what actions were taken to prevent or address potential or actual releases of waste constituents from the unit/area.

Supplemental Response

Please see the 2008 Initial Response.

18. For each Property, provide the following information regarding any current or former sewer or storm sewer lines or combined sanitary/storm sewer lines, drains, ditches, or tributaries discharging into the Willamette River:
- a. the location and nature of each sewer line, drain, ditch, or tributary;
 - b. the date of construction of each sewer line, drain, ditch, or tributary;
 - c. whether each sewer line, or drain was ever connected to a main trunk line;
 - d. whether each sewer line, drain, ditch, or tributary drained any hazardous substance, waste, material or other process residue to the Willamette River; and
 - e. provide any documentation regarding but not limited to the following on any and all outfalls to the Willamette River which are

located within the boundaries of the Property(ies). Your response should include, but not be limited to:

- i. the areas serviced by the outfalls; and
- ii. the type of outfall (i.e., storm water or single facility operational).

Supplemental Response

In August and September 2008, Stantec Consulting ("Stantec") prepared for ConocoPhillips a Sheen Response Report concerning oily sheens observed in the vicinity of Outfall No. 22 from January through April 2008, a Spill Response/Outfall Management Plan, and a CIPP Lining Work Plan for the 60 inch storm drain pipe leading to Outfall No. 22. Arcadis (environmental consultant to Chevron and ConocoPhillips) prepared a Revised Spill Response/Outfall Management Plan for Outfall No. 22 in April 2009. From January through May 2009, ConocoPhillips and/or Arcadis observed, responded to, and reported additional intermittent discharges of oily sheens in the vicinity of Outfall No. 22. In July and August 2009, approximately 365 feet of the 60 inch concrete pipe that runs from upstream of the City of Portland's Manhole 77 to Outfall No. 22 was lined with CIPP. Please refer to the documents attached hereto as Document Nos. **COP0016470 thru COP0016478, COP0016492 thru COP0016496, COP0016498 thru COP0016630, COP0017390 thru COP0017405, COP0018932, and COP0019690 thru COP0019695.**

19. **Provide copies of any stormwater or property drainage studies, including data from sampling, conducted at these Properties on stormwater, sheet flow, or surface water runoff. Also provide copies of any Stormwater Pollution Prevention or Maintenance Plans or Spill Plans developed for different operations during the Respondent's operation of each Property.**

Supplemental Response

A stormwater study was conducted at the Terminal in 2008/2009 in compliance with the 2005 Joint Source Control Strategy ("JSCS") guidelines, which were revised in July 2007. AMEC prepared a Combined Stormwater Pollution Control Plan ("SWPCP") and Accidental Spill Prevention Plan ("ASPP") for ConocoPhillips in August 2009. ConocoPhillips updated its facility SWPCP for the Terminal in September 2009. Additional stormwater samples were collected at the Terminal in March 2010. Please refer to the documents attached hereto as Document Nos. **COP0017137 thru COP0017389, COP0017413 thru COP0017609, COP0018025, and COP0018034 thru COP0018046.**

Section 4.0 Respondent's Operational Activities

- 20. Describe the nature of your operations or business activities at each Property. If the operation or business activity changed over time, please identify each separate operation or activity, the dates when each operation or activity was started and, if applicable, ceased.**

Supplemental Response

ConocoPhillips is currently in the process of removing or capping unused ("dead leg") product pipelines at the Terminal, updating buried wiring, and improving spill containment at valve box locations. Please refer to the documents attached hereto as Document Nos. **COP0018513 thru COP0018523, COP0018901, COP0020162 thru COP0020165, COP0020167, COP0020245 thru COP0020246, and COP0020263 thru COP0020265.**

- 21. At each Property, did you ever use, purchase, generate, store, treat, dispose, or otherwise handle any waste, or material? If the answer to the preceding question is anything but an unqualified "no," identify:**
- a. in general terms, the nature and quantity of the waste or material so transported, used, purchased, generated, stored, treated, disposed, or otherwise handled;**

Supplemental Response

Please see the 2008 Initial Response.

- b. the chemical composition, characteristics, physical state (e.g., solid, liquid) of each waste or material so transported, used, purchased, generated, stored, treated, disposed, or otherwise handled;**

Supplemental Response

A current (*i.e.*, 2011) MSDS list for the Terminal is attached hereto as Document Nos. **COP0018926 thru COP0018927.**

- c. how each such waste or material was used, purchased, generated, stored, treated, transported, disposed or otherwise handled by you; and

Supplemental Response

Please see the 2008 Initial Response.

- d. the quantity of each such waste or material used, purchased, generated, stored, treated, transported, disposed or otherwise handled by you.

Supplemental Response

Estimates of the inventory and annual production with respect to each material for the years 2008 through 2011 are set forth in the documents attached hereto as Document Nos. **COP0016674 thru COP0016676, COP0017643 thru COP0017645, COP0018483 thru COP0018485, and COP0018928 thru COP0018930.**

- 22. Describe all activities at each Property that was conducted over, on, or adjacent to, the Willamette River. Include in your description whether the activity involved hazardous substances, wastes, or materials and whether any such hazardous substances, waste, or materials were discharged, spilled, disposed of, dropped, or otherwise came to be located in the Willamette River.

Supplemental Response

Please see the 2008 Initial Response.

- 23. For each Property at which there was or is a mooring facility, dock, wharf or any over-water structure, provide a summary of over-water activities conducted at the structure, including but not limited to, any material loading and unloading operations associated with vessels, materials handling and storage practices, ship berthing and anchoring, ship fueling, and ship building, retrofitting, maintenance, and repair.

Supplemental Response

Please see the 2008 Initial Response.

- 24. Describe all activities conducted on leased aquatic lands at each Property. Include in your description whether the activity involved hazardous substances, waste, or materials and whether any such hazardous substances, waste, or materials were discharged, spilled, disposed of, dropped, or otherwise came to be located on such leased aquatic lands.**

Supplemental Response

Tosco conducted maintenance sediment dredging at the marine dock in December 1997. Conoco replaced dock pilings in 2008. Please refer to the attached Document Nos. **COP0022081 thru COP0022105**. Also, ConocoPhillips' March 2009 Purchase and Sales Agreement to acquire approximately 2.70 acres of leased waterfront land from the Port of Portland contains a section (Section 1.2) indicating that there is a dispute between the Port of Portland and the Oregon Department of State Lands ("DSL") regarding the ownership of the submersible land adjacent to the Terminal property. Please refer to the attached Document Nos. **COP0016874 thru COP0016908**.

- 25. Please describe the years of use, purpose, quantity, and duration of any application of pesticides or herbicides on each Property during the period of investigation (1937 to the present). Provide the brand name of all pesticides or herbicides used.**

Supplemental Response

Please see the 2008 Initial Response.

- 26. Describe how wastes transported off the Property for disposal are and ever were handled, stored, and/or treated prior to transport to the disposal facility.**

Supplemental Response

Copies of documents pertaining to ConocoPhillips' disposal of soil, spent carbon, oily sorbent materials, and sludge and recovered oil from the groundwater treatment and product recovery system are presented in the documents attached

hereto as Document Nos. **COP0015443 thru COP0015447, COP0015449 thru COP0015516, COP0015936 thru COP0015947, COP0015951 thru COP0015971, COP0015977 thru COP0016053, COP0016065 thru COP0016271, COP0016300 thru COP0016348, COP0016375 thru COP0016397, COP0016430 thru COP0016454, COP0016497, COP0017638 thru COP0017642, COP0019175 thru COP0019183, COP0019436 thru COP0019437, COP0021629 thru COP0021692, and COP0021700 thru COP0021852.**

- 27. Has Respondent ever arranged for disposal or treatment or arranged for transportation for disposal or treatment of materials to any Property (including the Willamette River) within the Investigation Area? If so, please identify every Property that Respondent's materials were disposed or treated at in the Investigation Area. In addition, identify:**
- a. the persons with whom the Respondent made such arrangements;**
 - b. every date on which Respondent made such arrangements;**
 - c. the nature, including the chemical content, characteristics, physical state (e.g., solid, liquid) and quantity (volume and weight) of all materials involved in each such arrangement;**
 - d. in general terms, the nature and quantity of the non-hazardous materials involved in each such arrangement;**
 - e. in general terms, the nature and quantity of any hazardous materials involved in each such arrangement;**
 - f. the owner of the materials involved in each such arrangement, if not Respondent;**
 - g. all tests, analyses, analytical results or manifests concerning each hazardous material involved in such transactions;**
 - h. the address(es) for each Property, precise locations at which each material involved in such transactions actually was disposed or treated;**
 - i. the owner or operator of each facility at which hazardous or non-hazardous materials were arranged to be disposed at within the Investigation Area;**
 - j. who selected the location to which the materials were to be disposed or treated;**
 - k. who selected the Property as the location at which hazardous materials were to be disposed or treated; and**
 - l. any records of such arrangement and each shipment.**

Supplemental Response

Please see the 2008 Initial Response.

- 28. Describe the plants and other buildings or structures where Respondent carried out its operations at each Property within the Investigation Area (excluding locations where ONLY clerical/office work was performed).**

Supplemental Response

Please see the 2008 Initial Response.

- 29. Provide a schematic diagram or flow chart that fully describes and/or illustrates the Respondent's operations on each Property.**

Supplemental Response

Please see the 2008 Initial Response.

- 30. Provide a brief description of the nature of Respondent's operations at each location on each Property including:**
- a. the date such operations commenced and concluded; and**
 - b. the types of work performed at each location, including but not limited to the industrial, chemical, or institutional processes undertaken at each location.**

Supplemental Response

Please see the 2008 Initial Response.

- 31. If the nature or size of Respondent's operations changed over time, describe those changes and the dates they occurred.**

Supplemental Response

Please see the 2008 Initial Response.

- 32. List the types of raw materials used in Respondent's operations, the products manufactured, recycled, recovered, treated, or otherwise processed in these operations.**

Supplemental Response

Please see the 2008 Initial Response.

- 33. Provide copies of Material Safety Data Sheets (MSDS) for materials used in the Respondent's operations.**

Supplemental Response

Please see the 2008 Initial Response.

- 34. Describe the cleaning and maintenance of the equipment and machinery involved in these operations, including but not limited to:**
- a. the types of materials used to clean/maintain this equipment/machinery;**
 - b. the monthly or annual quantity of each such materials used.**
 - c. the types of materials spilled in Respondent's operations;**
 - d. the materials used to clean up those spills;**
 - e. the methods used to clean up those spills; and**
 - f. where the materials used to clean up those spills were disposed of.**

Supplemental Response

Please see the 2008 Initial Response.

- 35. Describe the methods used to clean up spills of liquid or solid materials during Respondent's operation.**

Supplemental Response

Please see the 2008 Initial Response.

36. For each type of waste (including by-products) from Respondent's operations, including but not limited to all liquids, sludges, and solids, provide the following information:
- a. its physical state;
 - b. its nature and chemical composition;
 - c. its color;
 - d. its odor;
 - e. the approximate monthly and annual volumes of each type of waste (using such measurements as gallons, cubic yards, pounds, etc.); and
 - f. the dates (beginning & ending) during which each type of waste was produced by Respondent's operations.

Supplemental Response

Copies of the annual volumes of wastes generated at the Terminal for the years 2008 through 2011, as well as the volumes of hazardous wastes reported electronically to DeqHazWaste.net for 2008 through 2010, are set forth in the documents attached hereto as Document Nos. **COP0016673, COP0016813 thru COP0016845, COP0017638 thru COP0017642, COP0018011 thru COP0018022, COP0018476 thru COP0018482, COP0018493 thru COP0018506, and COP0021693 thru COP0021699.**

37. Provide a schematic diagram that indicates which part of Respondent's operations generated each type of waste, including but not limited to waste generated by cleaning and maintenance of equipment and machinery and wastes resulting from spills of liquid materials.

Supplemental Response

Please see the 2008 Initial Response.

38. Identify all individuals who currently have and those who have had responsibility for Respondent's environmental matters (e.g. responsibility for the disposal, treatment, storage, recycling, or sale of Respondent's wastes). Also provide each individual's job title, duties, dates performing those duties, supervisors for those duties, current position or the date of the individual's resignation, and the

nature of the information possessed by such individuals concerning Respondent's waste management.

Supplemental Response

The following personnel changes have occurred at the Terminal since the 2008 Initial Response was submitted:

Steven Kober
Former Terminal Manager – Portland (March 2007 - January 2008)
No longer with Company

Valerie Uyeda – April 2009 to Present
Environmental Coordinator
Portland Terminal
ConocoPhillips Company
3900 Kilroy Airport Way, Suite 210
Long Beach, CA 90806

Bill Collins
Former Environmental Coordinator – Portland (April 2001 to April 2009)
Environmental Manager
Tidewater Barge Lines
6305 NW Old Lower River Road
Vancouver, WA 98660

Sandy Matthews
Former Environmental Coordinator – Portland (Pre-1997 to 1999)
No longer with Company

- 39. For each type of waste describe Respondent's contracts, agreements, or other arrangements for its disposal, treatment, or recycling.**

Supplemental Response

Please also see the Supplemental Response to Question 36 for 2008 through 2011, as well as the documents attached hereto as Document Nos.

COP0016673, COP0017638 thru COP0017642, COP0018476 thru COP0018482, and COP0021693 thru COP0021699.

- 40. Provide copies of such contracts and other documents reflecting such agreements or arrangements.**
- a. state where Respondent sent each type of its waste for disposal, treatment, or recycling;**
 - b. identify all entities and individuals who picked up waste from Respondent or who otherwise transported the waste away from Respondent's operations (these companies and individuals shall be called "Waste Carriers" for purposes of this Information Request);**
 - c. if Respondent transported any of its wastes away from its operations, please so indicate;**
 - d. for each type of waste specify which Waste Carrier picked it up;**
 - e. indicate the ultimate disposal/recycling/treatment location for each type of waste;**
 - f. provide all documents indicating the ultimate disposal/recycling/treatment location for each type of waste; and**
 - g. state the basis for and provide any documents supporting the answer to the previous question.**

Supplemental Response

Please see 2008 Initial Response and the Supplemental Response to Question 36 for 2008 through 2011 wastes.

- 41. Describe all wastes disposed by Respondent into Respondent's drains including but not limited to:**
- a. the nature and chemical composition of each type of waste;**
 - b. the dates on which those wastes were disposed;**
 - c. the approximate quantity of those wastes disposed by month and year;**
 - d. the location to which these wastes drained (e.g. septic system or storage tank at the Property, pre-treatment plant, Publicly Owned Treatment Works (POTW), etc.); and**
 - e. whether and what pretreatment was provided.**

Supplemental Response

Please see 2008 Initial Response.

- 42. Identify any sewage authority or treatment works to which Respondent's waste was sent.**

Supplemental Response

Please see 2008 Initial Response.

- 43. Describe all settling tank, septic system, or pretreatment system sludges or other treatment wastes resulting from Respondent's operations.**

Supplemental Response

Please see 2008 Initial Response.

- 44. If applicable, describe the facilities, processes and methods Respondent or Respondent's contractor used, and activities engaged in, either currently or in the past, related to ship building, retrofitting, maintenance or repair, including, but not limited to, dry-docking operations, tank cleaning, painting and re-powering.**

Supplemental Response

Please see 2008 Initial Response.

- 45. Describe any hazardous substances, wastes, or materials used or generated by the activities described in response to the previous Question and how these hazardous substances, materials and wastes were released or disposed of.**

Supplemental Response

Please see 2008 Initial Response.

- 46. Provide copies of any records you have in your possession, custody or control relative to the activities described in response to the previous two Questions.**

Supplemental Response

Please see 2008 Initial Response.

- 47. Describe any process or activity conducted on a Property identified in response to Question 4 involving the acquisition, manufacture, use, storage, handling, disposal or release or threatened release of polychlorinated biphenyl(s) ("PCB(s)" or PCB(s)-containing materials or liquids.**

Supplemental Response

Please see 2008 Initial Response.

- 48. For each process or activity identified in response to the previous Question, describe the dates and duration of the activity or process and the quantity and type of PCB(s) or PCB(s) containing materials or liquids.**

Supplemental Response

Please see 2008 Initial Response.

- 49. For each process or activity identified in response to the previous two Questions, identify the location of the process or activity on the Property.**

Supplemental Response

Please see 2008 Initial Response.

Section 5.0 Regulatory Information

- 50. Identify all federal, state and local authorities that regulated the owner or operator of each Property and/or that interacted with the owner or operator of each Property. Your response is to address all**

interactions and in particular all contacts from agencies/departments that dealt with health and safety issues and environmental concerns.

Supplemental Response

Information regarding agency/department visits from the last quarter of 2008 through 2011 is attached hereto as Document Nos. **COP0018931 thru COP0018965**. In addition, US Department of the Army and Oregon DSL permits related to maintenance dredging conducted at the marine dock in 1997 are attached hereto as Document Nos. **COP0022085 thru COP0022099**. Please also see the Supplemental Response to Question 24 above.

- 51. Describe all occurrences associated with violations, citations, deficiencies, and/or accidents concerning each Property during the period being investigated related to health and safety issues and/or environmental concerns. Provide copies of all documents associated with each occurrence described.**

Supplemental Response

Copies of Incident Investigation Reports at the ConocoPhillips Portland Terminal for the period from 2008 through 2011 are attached hereto as Document Nos. **COP0016285 thru COP0016286, COP0016398 thru COP0016399, COP0016411 thru COP0016412, COP0016428 thru COP0016429, COP0016455 thru COP0016456, COP0016671 thru COP0016672, COP0016868 thru COP0016869, COP0016911 thru COP0016916, COP0017126 thru COP0017127, COP0017135 thru COP0017136, COP0017406 thru COP0017409, COP0017610 thru COP0017611, COP0018023 thru COP0018024, COP0018047 thru COP0018052, COP0018120 thru COP0018121, COP0018486 thru COP0018487, COP0018509 thru COP0018512, and COP0018917 thru COP0018925.**

Oregon DEQ issued a Notice of Violation and Civil Penalty Assessment to ConocoPhillips in November 2007 for an alleged NPDES stormwater discharge permit violation for exceeding the minimum allowed pH value in a laboratory sample collected from separator 002 in February 2007. ConocoPhillips appealed the civil penalty in January 2008 based on field and historical pH data, and a statement from the laboratory that the sample bottle had been contaminated with sulfuric acid. Oregon DEQ withdrew the formal enforcement action against ConocoPhillips in January 2008. Copies of the documents describing the alleged permit violation and its resolution on appeal are attached hereto as Document Nos. **COP0021853 thru COP0021939**.

- 52. Provide a list of all local, state and federal environmental permits ever issued to the owner or operator on each Property (e.g., RCRA permits, NPDES permits, etc.). Please provide a copy of each federal and state permit, and the applications for each permit, ever issued to the owner or operator on each Property.**

Supplemental Response

A copy of the Terminal's 2008 Air Discharge Permit is attached hereto as Document Nos. **COP0016631 thru COP0016670**. US Department of the Army and Oregon DSL permits related to maintenance dredging conducted at the marine dock in 1997 are attached as Document Nos. **COP0022085 thru COP0022099**. Please also see the Supplemental Response to Questions 24 and 50 above.

- 53. Did the owner or operator ever file a Hazardous Waste Activity Notification under the RCRA? If so, provide a copy of such notification.**

Supplemental Response

Please see 2008 Initial Response.

- 54. Did the owner or operator's facility on each Property ever have "interim status" under the RCRA? If so, and the facility does not currently have interim status; describe the circumstances under which the facility lost interim status.**

Supplemental Response

Please see 2008 Initial Response.

- 55. Provide all RCRA Identification Numbers issues to Respondent by EPA or state for Respondent's operations.**

Supplemental Response

Please see 2008 Initial Response.

- 56. Identify all federal offices to which Respondent has sent or filed hazardous substance or hazardous waste information. State the years during which such information was sent/filed.**

Supplemental Response

Please see 2008 Initial Response.

- 57. Identify all state offices to which Respondent has sent or filed hazardous substance or hazardous waste information. State the years during which such information was sent/filed.**

Supplemental Response

Please see the Supplemental Response to Question 36 above for the years 2008 through 2010, as well as the documents attached hereto as Document Nos.

COP0016813 thru COP0016846, COP0018011 thru COP0018022, and COP0018493 thru COP0018506.

- 58. List all federal and state environmental laws and regulations under which Respondent has reported to federal or state governments, including but not limited to: Toxic Substances Control Act, 15 U.S.C. Sections 2601 et seq., (TSCA); Emergency Planning and Community Right-to-Know Act, 42 U.S.C. Sections 1101 et seq., (EPCRA); and the Clean Water Act (the Water Pollution Prevention and Control Act), 33 U.S.C. Sections 1251 et seq., Oregon Hazardous Substance Remedial Action Law, ORS 465.315, Oregon Water Quality law, ORS Chapter 468(b), Oregon Hazardous Waste and Hazardous Materials law, ORS Chapter 465 and 466, or Oregon Solid Waste law, ORS Chapter 459. Provide copies of each report made, or if only oral reporting was required, identify the federal and state offices to which such report was made.**

Supplemental Response

Please see 2008 Initial Response.

59. Provide a copy of any registrations, notifications, inspections or reports required by Toxic Substances Control Act, 15 USC § 2601 et seq., or state law, to be maintained or submitted to any government agency, including fire marshal(s), relating to PCB(s) or PCB(s) containing materials or liquids on any Property identified in response to Question 4.

Supplemental Response

Please see 2008 Initial Response.

60. Has Respondent or Respondent's contractors, lessees, tenants, or agents ever contacted, provided notice to, or made a report to the Oregon Department of State Lands ("DSL") or any other state agency concerning an incident, accident, spill, release, or other event involving Respondent's leased state aquatic lands? If so, describe each incident, accident, spill, release, or other event and provide copies of all communications between Respondent or its agents and DSL or the other state agency and all documents that were exchanged between Respondent, its agents and DSL or other state agency.

Supplemental Response

SAIC, on behalf of ConocoPhillips and Chevron, obtained a DSL permit to install a sheet pile cut-off wall near the City of Portland's former 27 inch wood stave outfall and Holbrook Slough in July 2005. This activity took place on leased Port of Portland "aquatic" river-front property. Please refer to the documents pertaining to this permit, attached hereto as Document Nos. **COP0019247 thru COP0019249, COP0019252 thru COP0019254, COP0019257 thru COP0019293, COP0019322 thru COP0019412, and COP0019415 thru COP0019428.** Please also see the Supplemental Response to Question 18 above.

61. Describe all notice or reporting requirements to DSL that you had under an aquatic lands lease or state law or regulation regarding incidents affecting, or activities or operations occurring on leased aquatic lands. Include the nature of the matter required to be reported and the office or official to whom the notice or report went to. Provide copies of all such notices or reports.

Supplemental Response

Tosco and ConocoPhillips obtained DSL permits to perform maintenance sediment dredging at the marine dock in December 1997 and to replace dock pilings in 2008. Please also see the Supplemental Response to Question 24 above.

Section 6.0 Releases and Remediation

- 62. Identify all leaks, spills, or releases into the environment of any waste, including petroleum, hazardous substances, pollutants, or contaminants, that have occurred at or from each Property, which includes any aquatic lands owned or leased by Respondent. In addition, identify, and provide copies of any documents regarding:**
- a. when such releases occurred;**
 - b. how the releases occurred (e.g. when the substances were being stored, delivered by a vendor, transported or transferred (to or from any tanks, drums, barrels, or recovery units), and treated).**
 - c. the amount of each hazardous substances, pollutants, or contaminants so released;**
 - d. where such releases occurred;**
 - e. any and all activities undertaken in response to each such release or threatened release, including the notification of any agencies or governmental units about the release.**
 - f. any and all investigations of the circumstances, nature, extent or location of each release or threatened release including, the results of any soil, water (ground and surface), or air testing undertaken;**
 - g. all persons with information relating to these releases; and**
 - h. list all local, state or federal departments or agencies notified of the release, if applicable.**

Supplemental Response

Please see the Supplemental Responses to Questions 18 and 51 above. Documents describing the response to a June 2001 marine diesel oil ("MDO") spill of approximately 25 gallons from a small leak in a product pipe near the ConocoPhillips marine dock are attached hereto as Document Nos. **COP0021940 thru COP0021944, COP0021955, and COP0021962 thru COP0022052.** Documents describing the response to a May 2010 MDO spill of approximately 5 gallons from a leaking product pipe flange near the

ConocoPhillips marine dock are attached hereto as Document Nos. COP0022053 thru COP0022080.

63. Was there ever a spill, leak, release or discharge of waste, including petroleum, or hazardous substances, pollutant or contaminant into any subsurface disposal system or floor drain inside or under a building on the Property? If the answer to the preceding question is anything but an unqualified "no", identify:
- a. where the disposal system or floor drains were located;
 - b. when the disposal system or floor drains were installed;
 - c. whether the disposal system or floor drains were connected to pipes;
 - d. where such pipes were located and emptied;
 - e. when such pipes were installed;
 - f. how and when such pipes were replaced, or repaired;
 - g. whether such pipes ever leaked or in any way released such waste or hazardous substances into the environment; and
 - h. provide all documentation regarding but not limited to the following:
 - i. the release of diesel and gasoline from a Tosco tank while decommissioning 5 underground storage tanks in 1997;
 - ii. a December 1997, release of 2,500 gallons of lube oil;
 - iii. a June 2000, release of 6,538 gallons of Kerosene;
 - iv. a December 2000, release of marine diesel fuel;
 - v. a June 2001, release of 25 gallons of marine diesel fuel; and
 - vi. any petroleum hydrocarbon seepage associated with a 60-inch storm sewer.

Supplemental Response

Please see the Supplemental Responses to Questions 18 and 62 above.

64. Has any contaminated soil ever been excavated or removed from the Property? Unless the answer to the preceding question is anything besides an unequivocal "no", identify and provide copies of any documents regarding:
- i. amount of soil excavated;
 - j. location of excavation presented on a map or aerial photograph:

- k. manner and place of disposal and /or storage of excavated soil;
- l. dates of soil excavation;
- m. identity of persons who excavated or removed the soil, if other than a contractor for Respondent;
- n. reason for soil excavation;
- o. whether the excavation or removed soil contained hazardous substances, pollutants or contaminants, including petroleum, what constituents the soil contained, and why the soil contained such constituents;
- p. all analyses or tests and results of analyses of the excavated area after the soil was removed from the Property; and
- q. all persons, including contractors, with information about (a) through (i) of this request.

Supplemental Response

Please see the Supplemental Response to Question 26 above for information regarding documents pertaining to soil disposal by ConocoPhillips. In addition, a small amount of soil was removed from a Fire Water Building Project excavation at the Terminal in 2009. A work plan and report were prepared in 2009/2010 for minor soil removal conducted at the Black Oil Offloading Rack during asphalt replacement work. Please refer to the documents attached hereto as Document Nos. **COP0017630 thru COP0017637, COP0018054 thru COP0018118, COP0019696, COP0019718 thru COP0019738, and COP0019765 thru COP0019799.**

- 65. Have you ever tested the groundwater under your Property? If so, please provide copies of all data, analysis, and reports generated from such testing.**

Supplemental Response

Copies of semi-annual groundwater sampling reports prepared with respect to data collected at the Terminal from late 2008 through early 2011 are attached hereto as Document Nos. **COP0016922 thru COP0017125, COP0017646 thru COP0018010, COP0018122 thru COP0018475, and COP0018524 thru COP0018900.**

- 66. Have you treated, pumped, or taken any kind of response action on groundwater under your Property? Unless the answer to the**

preceding question is anything besides an unequivocal “no”, identify and provide copies of any documents regarding:

- a. reason for groundwater action;**
- b. whether the groundwater contained hazardous substances, pollutants or contaminants, including petroleum, what constituents the groundwater contained, and why the groundwater contained such constituents;**
- c. all analyses or tests and results of analyses of the groundwater;**
- d. if the groundwater action has been completed, describe the basis for ending the groundwater action; and**
- e. all persons, including contractors, with information about (a) through (c) of this request.**

Supplemental Response

Please see the Supplemental Response to Question 18 above. Following the 2009 CIPP lining work discussed in that supplemental response, no sheen has been reported in the vicinity of Outfall No. 22. Arcadis is currently preparing an upgrade to the groundwater extraction and treatment (“GWET”) system that is currently used to capture and treat product and impacted groundwater upgradient from two sheet pile cut-off walls installed near Outfall No. 22 and near the former City of Portland 27 inch wood stave outfall and Holbrook Slough area. Documents related to the current and planned GWET system upgrade are attached hereto as Document Nos. **COP0016677 thru COP0016796, COP0016870 thru COP0016873, COP0018488 thru COP0018492, COP0018902 thru COP0018916, COP0020147 thru COP0020155, and COP0020250 thru COP0020256.**

67. Was there ever a spill, leak, release or discharge of a hazardous substance, waste, or material into the Willamette River from any equipment, structure, or activity occurring on, over, or adjacent to the river? If the answer to the preceding question is anything but an unqualified “no”, identify and provide copies of any documents regarding:

- a. the nature of the hazardous substance, waste, or material spilled, leaked, released or discharged;**
- b. the dates of each such occurrence;**
- c. the amount and location of such release;**
- d. were sheens on the river created by the release;**
- e. was there ever a need to remove or dredge any solid waste, bulk product, or other material from the river as a result of the release? If so, please provide information and description of**

- when such removal/dredging occurred, why, and where the removed/dredged materials were disposed; and
- f. provide all documentation regarding, but not limited to the following:
- i. any hydrocarbon seepage from the 60-inch storm sewer to the river from the date of construction to the present.

Supplemental Response (f)

Seeps associated with the 60 inch stormwater sewer that were observed in early 2009 discharged directly to the river. No sheens have been reported in the vicinity of Outfall No. 22 since the outfall pipe was CIPP lined in mid-2009. Please also see the Supplemental Response to Question 18 above.

68. For any releases or threatened releases of PCB(s), identify the date, quantity, location and type of PCB(s) or PCB(s) containing materials or liquids, and the nature of any response to or cleanup of the release.

Supplemental Response

Please see 2008 Initial Response.

69. For any releases or threatened releases of PCB(s) or PCB(s) containing materials or liquids, identify and provide copies of any documents regarding the quantity and type of waste generated as a result of the release or threatened release, the disposition of the waste, provide any reports or records relating to the release or threatened release, the response or cleanup and any records relating to any enforcement proceeding relating to the release or threatened release.

Supplemental Response

Please see 2008 Initial Response.

Section 7.0 Property Investigations

- 70. Provide information and documentation concerning all inspections, evaluations, safety audits, correspondence and any other documents associated with the conditions, practices, and/or procedures at the Property concerning insurance issues or insurance coverage matters. Provide documentation regarding but not limited to the following:**
- a. a December 2000, Remedial Action Report provided by KHM Management;**
 - b. a May 2002, Revised 60-inch Storm Sewer Interim Remedial Action Report regarding the Tosco Willbridge Terminal;**
 - c. a May 1996, Doane Avenue Storm Sewer Investigation Work Plan: Willbridge Facilities Riverfront Interim Action report; and**
 - d. a map that specifically shows the location of Tank Farm No. 2 and areas east.**

Supplemental Response

Please see 2008 Initial Response.

- 71. Describe the purpose for, the date of initiation and completion, and the results of any investigations of soil, water (ground or surface), sediment, geology, and hydrology or air quality on or about each Property. Provide copies of all data, reports, and other documents that were generated by you or a consultant, or a federal or state regulatory agency related to the investigations that are described.**

Supplemental Response

Copies of documents describing additional soil, stormwater, and groundwater investigations conducted at the Terminal since August 2008 are attached. Please also see the Supplemental Responses to Questions 15, 19, 64 and 66 above.

Soil investigations were conducted during facility upgrade projects at the Terminal in 2009, 2010, and 2011 in accordance with a DEQ-approved Soil Management Plan prepared for ConocoPhillips by Stantec in 2009. Soil exposed during facility upgrade work for piping support footings, tank control wiring, and storm drain valve box installations was field screened for the potential presence

of petroleum impacts, and, depending on field screening and laboratory sample results, either removed from the site for proper disposal at a licensed landfill or used onsite as fill. Soil samples also were collected from geotechnical borings advanced in the Tank Farm area. Documents related to these activities are attached hereto as Document Nos. **COP0016846 thru COP0016856, COP0018513 thru COP0018523, COP0020125 thru COP0020127, COP0020167 thru COP0020173, COP0020245 thru COP0020246, and COP0020305 thru COP0020318.**

Stormwater investigation work also was conducted at the Terminal by Stantec in 2010. Documents related to these activities are attached hereto as Document Nos. **COP0018034 thru COP0018046, COP0018119, COP0019869 thru COP0019870, COP0020125, and COP0020128 thru COP0020131.** Please also see the Supplemental Response to Question 19 above.

- 72. Describe any remediation or response actions you or your agents or consultants have ever taken on each Property either voluntarily or as required by any state or federal agency. If not otherwise already provided under this Information Request, provide copies of all investigations risk assessments or risk evaluations, feasibility studies, alternatives analysis, implementation plans, decision documents, monitoring plans, maintenance plans, completion reports, or other document concerning remediation or response actions taken on each Property.**

Supplemental Response

Chevron's consultant Arcadis is currently operating a GWET remediation system located on the ConocoPhillips river-front property. Please see the Supplemental Response to Question 6 above. Arcadis is in the process of upgrading the GWET system. Please see the Supplemental Response to Question 66 above. In response to observed sheen events at Outfall No. 22 from 2007 to 2009, the City of Portland's 60 inch concrete storm sewer pipe was sealed with a CIPP liner in July and August 2009. Please see the Supplemental Response to Question 18 above.

- 73. Are you or your consultants planning to perform any investigations of the soils, water (ground or surface), geology, and hydrology or air quality on or about the Property? If so, identify:**
- a. what the nature and scope of these investigations will be;**
 - b. the contractors or other persons that will undertake these investigations;**

- c. the purpose of the investigations;
- d. the dates when such investigations will take place and be completed; and
- e. where on the Property such investigations will take place.

Supplemental Response

Additional soil investigation work is anticipated during ConocoPhillips' current "dead leg" removal/capping of unused product pipelines at the Terminal. Please see the Supplemental Responses to Questions 20 and 71 above.

Section 8.0 Corporate Information

- 74. Provide the following information, when applicable, about you and/or your business(es) that are associated with each Property identified in response to Question 4:**
- a. state the current legal ownership structure (e.g., corporation, sole proprietorship);
 - b. state the names and current addresses of current and past owners of the business entity or, if a corporation, current and past officers and directors;
 - c. discuss all changes in the business' legal ownership structure, including any corporate successorship, since the inception of the business entity. For example, a business that starts as a sole proprietorship, but then incorporates after a few years, or a business that is subsequently acquired by and merged into a successor. Please include the dates and the names of all parties involved;
 - d. the names and addresses of all current or past business entities or subsidiaries in which you or your business has or had an interest that have had any operational or ownership connection with the Properties identified in response to Question 4. Briefly describe the business activities of each such identified business entities or subsidiaries; and
 - e. if your business formerly owned or operated a Property identified in response to Question 4, describe any arrangements made with successor owners or operator regarding liability for environmental contamination or property damage.

Supplemental Response

Please see 2008 Initial Response.

- 75. List all names under which your company or business has ever operated and has ever been incorporated. For each name, provide the following information:**
- a. whether the company or business continues to exist, indicating the date and means by which it ceased operations (e.g., dissolution, bankruptcy, sale) if it is no longer in business;**
 - b. names, addresses, and telephone numbers of all registered agents, officers, and operations management personnel; and**
 - c. names, addresses, and telephone numbers of all subsidiaries, unincorporated divisions or operating units affiliates, and parent corporations if any, of the Respondent.**

Supplemental Response

Please see 2008 Initial Response.

- 76. Provide all copies of the Respondent's authority to do business in Oregon. Include all authorizations, withdrawals, suspensions and reinstatements.**

Supplemental Response

Please see 2008 Initial Response.

- 77. If Respondent is, or was at any time, a subsidiary of, otherwise owned or controlled by, or otherwise affiliated with another corporation or entity, then describe the full nature of each such corporate relationship, including but not limited to:**
- a. a general statement of the nature of relationship, indicating whether or not the affiliated entity had, or exercised, any degree of control over the daily operations or decision-making of the Respondent's business operations at the Site;**
 - b. the dates such relationship existed;**
 - c. the percentage of ownership of Respondent that is held by such other entity(ies);**

- d. for each such affiliated entity provide the names and complete addresses of its parent, subsidiary, and otherwise affiliated entities, as well as the names and addresses of each such affiliated entity's officers, directors, partners, trustees, beneficiaries, and/or shareholders owning more than five percent of that affiliated entity's stock;
- e. provide any and all insurance policies for such affiliated entity(ies) which may possibly cover the liabilities of the Respondent at each Property;
- f. provide any and all corporate financial information of such affiliated entities, including but not limited to total revenue or total, sales, net income, depreciation, total assets and total current assets, total liabilities and total current liabilities, net working capital (or net current assets), and net worth; and
- g. describe the relationship, acquisition, or merger and provide documentation regarding interest transferred from the Unocal and/or the Signal Oil Company to Phillips Petroleum and/or GATX Tank Storage Terminals Corporation.

Supplemental Response

Please see 2008 Initial Response.

78. If Respondent is a partnership, please describe the partnership and provide a history of the partnership's existence. Provide a list all current and past partners of any status (e.g., general, limited, etc.) and provide copies of all documents that created, govern, and otherwise rules the partnership, including any amendments or modifications to any of the originals of such documents, and at least five years of partnership meeting minutes.

Supplemental Response

Please see 2008 Initial Response.

Section 9.0 Compliance With This Request

79. Describe all sources reviewed or consulted in responding to this request, including, but not limited to:
- a. the name and current job title of all individuals consulted;
 - b. the location where all sources reviewed are currently reside; and

- c. the date consulted.

Supplemental Response

Please see 2008 Initial Response.

80. If not already provided, identify and provide a last known address or phone number for all persons, including Respondent's current and former employees or agents, other than attorneys, who have knowledge or information about the generation, use, purchase, storage, disposal, placement, or other handling of hazardous materials at, or transportation of hazardous substances, waste, or materials to or from, each Property identified in response to Question 4.

Supplemental Response

Please see the Supplemental Responses to Questions 2 and 38 above.

81. If any of the documents solicited in this information request are no longer available, please indicate the reason why they are no longer available. If the records were destroyed, provide us with the following:
- a. the document retention policy between 1937 and the present;
 - b. the approximate date of destruction;
 - c. a description of the type of information that would have been contained in the documents;
 - d. the name, job title and most current address known by you of the person(s) who would have produced these documents; the person(s) who would have been responsible for the retention of these documents; the person(s) who would have been responsible for destroying the documents; and the person(s) who had and/or still have the originals or copies of these documents;
 - e. the names and most current address of any person(s) who may possess documents relevant to this inquiry.

Supplemental Response

Please see 2008 Initial Response.

- 82. Provide a description of all records available to you that relate to all of the questions in this request, but which have not been included in your responses.**

Supplemental Response

Copies of documents describing additional soil, stormwater, and groundwater investigations conducted at the Terminal since August 2008 are attached. Please also see the Supplemental Response to Question 15 above.